		Pushing the En	velope
		2006 Mathem	atics
		Academic Star	ndards
Nevada Mathematics			
Grade 5			
Activity/Lesson	State	Standards	
01 : 1 / 05			Estimate and convert units of measure for
Chemistry (pgs. 25-	.		weight and volume/capacity within the same
41)	NV	MA.5.3.5.1.1	measurement system (customary and metric).
01 : 1 / 05			Measure volume and weight to a required
Chemistry (pgs. 25-	N 13 /	NAA 5 0 5 0 4	degree of accuracy in the customary and metric
41)	NV	MA.5.3.5.2.1	systems.
		Duching the En	wolone
		Pushing the En 2006 Mathem	
		Academic Star	
Nevada Mathematics		Academic Glai	IMUI MO
Grade 6			
Activity/Lesson	State	Standards	
History of Aviation	3.0.0	Jundius	Use equivalent periods of time to solve practical
Propulsion (pgs. 5-9)	NV	MA.6.3.6.6.1	problems.
Types of Engines (1117 (10101011	Evaluate formulas and algebraic expressions
pgs. 11-23)	NV	MA.6.2.6.2.1	using whole number values.
<u>pgo: :: =0)</u>			Select, model, and apply formulas to find the
Types of Engines (perimeter, circumference, and area of plane
pgs. 11-23)	NV	MA.6.3.6.3.1	figures.
Chemistry (pgs. 25-			Evaluate formulas and algebraic expressions
41)	NV	MA.6.2.6.2.1	using whole number values.
•			Select, model, and apply formulas to find the
Chemistry (pgs. 25-			perimeter, circumference, and area of plane
41)	NV	MA.6.3.6.3.1	figures.
Physics and Math			Evaluate formulas and algebraic expressions
(pgs. 43-63)	NV	MA.6.2.6.2.1	using whole number values.
Physics and Math			Write simple expressions and equations using
(pgs. 43-63)	NV	MA.6.2.6.3.1	variables to represent mathematical situations.
			Select, model, and apply formulas to find the
Physics and Math			perimeter, circumference, and area of plane
(pgs. 43-63)	NV	MA.6.3.6.3.1	figures.
DI			Write and apply ratios in mathematical and
Physics and Math	N. 7	NAA 0 0 0 5 1	practical problems involving measurement and
(pgs. 43-63)	NV	MA.6.3.6.5.1	monetary conversions.
Rocket Activity (pgs.	NIV	MA 6 0 6 0 4	Evaluate formulas and algebraic expressions
69-75)	NV	MA.6.2.6.2.1	using whole number values.
Pocket Activity (nas			Select, model, and apply formulas to find the perimeter, circumference, and area of plane
Rocket Activity (pgs. 69-75)	NV	MA.6.3.6.3.1	figures.
08-10)	INV	IVIA.U.S.U.S. I	iliguico.
		Pushing the En	velope
		2006 Mathem	
		Academic Star	
Nevada Mathematics			
Grade 7			

Activity/Lesson	State	Standards	
History of Aviation			
Propulsion (pgs. 5-9)	NV	MA.7.3.7.6.1	Use elapsed time to solve practical problems.
Types of Engines (Evaluate formulas and algebraic expressions for
pgs. 11-23)	NV	MA.7.2.7.2.1	given integer values.
Types of Engines (Select, model, and apply formulas to find the
pgs. 11-23)	NV	MA.7.3.7.3.1	volume and surface area of solid figures.
Chemistry (pgs. 25-			Evaluate formulas and algebraic expressions for
41)	NV	MA.7.2.7.2.1	given integer values.
Chemistry (pgs. 25-			Select, model, and apply formulas to find the
41)	NV	MA.7.3.7.3.1	volume and surface area of solid figures.
Physics and Math			Evaluate formulas and algebraic expressions for
(pgs. 43-63)	NV	MA.7.2.7.2.1	given integer values.
Physics and Math			Select, model, and apply formulas to find the
(pgs. 43-63)	NV	MA.7.3.7.3.1	volume and surface area of solid figures.
Rocket Activity (pgs.			Evaluate formulas and algebraic expressions for
69-75)	NV	MA.7.2.7.2.1	given integer values.
Rocket Activity (pgs.	144	1017 (.7 .2.7 .2.1	Select, model, and apply formulas to find the
69-75)	NV	MA.7.3.7.3.1	volume and surface area of solid figures.
09-10)	INV	IVI/A.7.3.7.3.1	volume and surface area of solid figures.
		Pushing the En	wolono
		2006 Mathem	
		Academic Star	
Nevada Mathematics		Academic Star	luarus
Grade 8	Ctata	Standards	
Activity/Lesson	State	Standards	Evaluate formulae and algebraic symmetrics
Turner of Francisco (Evaluate formulas and algebraic expressions
Types of Engines (N 1 /	144 0 0 0 0 4	using rational numbers (with and without
pgs. 11-23)	NV	MA.8.2.8.2.1	technology).
01 : 1 / 05			Evaluate formulas and algebraic expressions
Chemistry (pgs. 25-			using rational numbers (with and without
41)	NV	MA.8.2.8.2.1	technology).
o			Identify how changes in a dimension of a figure
Chemistry (pgs. 25-			effect changes in its perimeter, area and
41)	NV	MA.8.3.8.3.1	volume.
			Evaluate formulas and algebraic expressions
Physics and Math			using rational numbers (with and without
(pgs. 43-63)	NV	MA.8.2.8.2.1	technology).
			Describe how changes in the value of one
Physics and Math			variable affect the values of the remaining
(pgs. 43-63)	NV	MA.8.2.8.6.1	variables in a relation.
			Apply ratios and proportions to calculate rates
Physics and Math			and solve mathematical and practical problems
(pgs. 43-63)	NV	MA.8.3.8.5.1	using indirect measure.
			Evaluate formulas and algebraic expressions
Rocket Activity (pgs.			using rational numbers (with and without
69-75)	NV	MA.8.2.8.2.1	technology).
		Pushing the En	velope
		2006 Mathem	
		Academic Star	
Nevada Mathematics			
Grades 9-12			

Activity/Lesson	State	Standards	
			Isolate any variable in given equations,
Types of Engines (MA.9-	inequalities, proportions, and formulas to use in
pgs. 11-23)	NV	12.2.12.2.1	mathematical and practical situations.
			Select and use appropriate measurement tools,
Types of Engines (MA.9-	techniques, and formulas to solve problems in
pgs. 11-23)	NV	12.3.12.3.1	mathematical and practical situations.
			Isolate any variable in given equations,
Chemistry (pgs. 25-		MA.9-	inequalities, proportions, and formulas to use in
41)	NV	12.2.12.2.1	mathematical and practical situations.
			Select and use appropriate measurement tools,
Chemistry (pgs. 25-		MA.9-	techniques, and formulas to solve problems in
41)	NV	12.3.12.3.1	mathematical and practical situations.
			Isolate any variable in given equations,
Physics and Math		MA.9-	inequalities, proportions, and formulas to use in
(pgs. 43-63)	NV	12.2.12.2.1	mathematical and practical situations.
			Select and use appropriate measurement tools,
Physics and Math		MA.9-	techniques, and formulas to solve problems in
(pgs. 43-63)	NV	12.3.12.3.1	mathematical and practical situations.
			Determine the measure of unknown dimensions,
Physics and Math		MA.9-	angles, areas, and volumes using relationships
(pgs. 43-63)	NV	12.3.12.5.1	and formulas to solve problems.
			Isolate any variable in given equations,
Rocket Activity (pgs.		MA.9-	inequalities, proportions, and formulas to use in
69-75)	NV	12.2.12.2.1	mathematical and practical situations.
			Select and use appropriate measurement tools,
Rocket Activity (pgs.		MA.9-	techniques, and formulas to solve problems in
69-75)	NV	12.3.12.3.1	mathematical and practical situations.